

### **III. REMARKS**

In the Office Action, claims 26-50 and 56-61 were rejected under 35 U.S.C. 103 as being unpatentable over Dent (US 2003/0060195) in view of Dent (US 5535432), and Claims 51-55 were rejected under 35 U.S.C. 103 as being unpatentable over Dent '195 in view of Dent '432 and Ramesh (US 5943324) for reasons set forth in the Action.

With respect to the rejections under 35 U.S.C. 103, the following argument is presented to distinguish the claimed subject matter from the teachings of the cited art, considered individually and in combination, thereby to overcome the rejections and to show the presence of allowable subject matter in the claims.

The examiner (page 3 of the Action) observes that, in reference to claims 26, 40 and 58, Dent ('195) does not specifically disclose the further circuitry operable at an intermediate frequency common to each mode of operation; but that Dent ('432) (col. 2 at lines 6-30, col. 5 at lines 15-35) discloses such circuitry. The examiner then concludes that it would be obvious to incorporate this feature, namely, "...further circuitry, the further circuitry supplying a further signal to RF circuitry and being operable at an intermediate frequency (IF) common to each mode of operation." into the claimed subject matter.

This position of the examiner is traversed respectfully.

Upon inspection of Fig. 1 of Dent ('432), it is apparent that the intermediate frequency (IF) for the GSM Radio (10) is 6 MHz, and that the IF for the Satellite Receiver and Transmitter (21) is 450 kHz. In the disclosure of Dent (column 5 line 65 to column 6 line 15), the GSM receiver description indicates that the first IF is 150 MHz and that second IF is 6 MHz. Also, the satellite receiver description (column 6 at lines 16-29) indicates that the first IF is 156.45 MHz and that the second IF is 450 kHz. Actually, the GSM receiver and the Satellite receiver are only using a common synthesizer 34, but

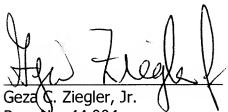
their respective signal paths are separate and operate at different intermediate frequencies.

Thus, the disclosure of Dent '432 does not show the further circuitry operable at an intermediate frequency common to each mode of operation. Accordingly, this argument is believed to overcome the rejections under 35 U.S.C. 103 to provide for allowable subject matter in the claims.

For all of the foregoing reasons, it is respectfully submitted that all of the claims now present in the application are clearly novel and patentable over the prior art of record, and are in proper form for allowance. Accordingly, favorable reconsideration and allowance is respectfully requested. Should any unresolved issues remain, the Examiner is invited to call Applicants' attorney at the telephone number indicated below.

The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,



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Date

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